

DEPARTMENT OF AGRICULTURE - BUREAU OF ANIMAL INDUSTRY

THE FMD EMERGENCY PREPAREDNESS PLAN OF THE PHILIPPINES

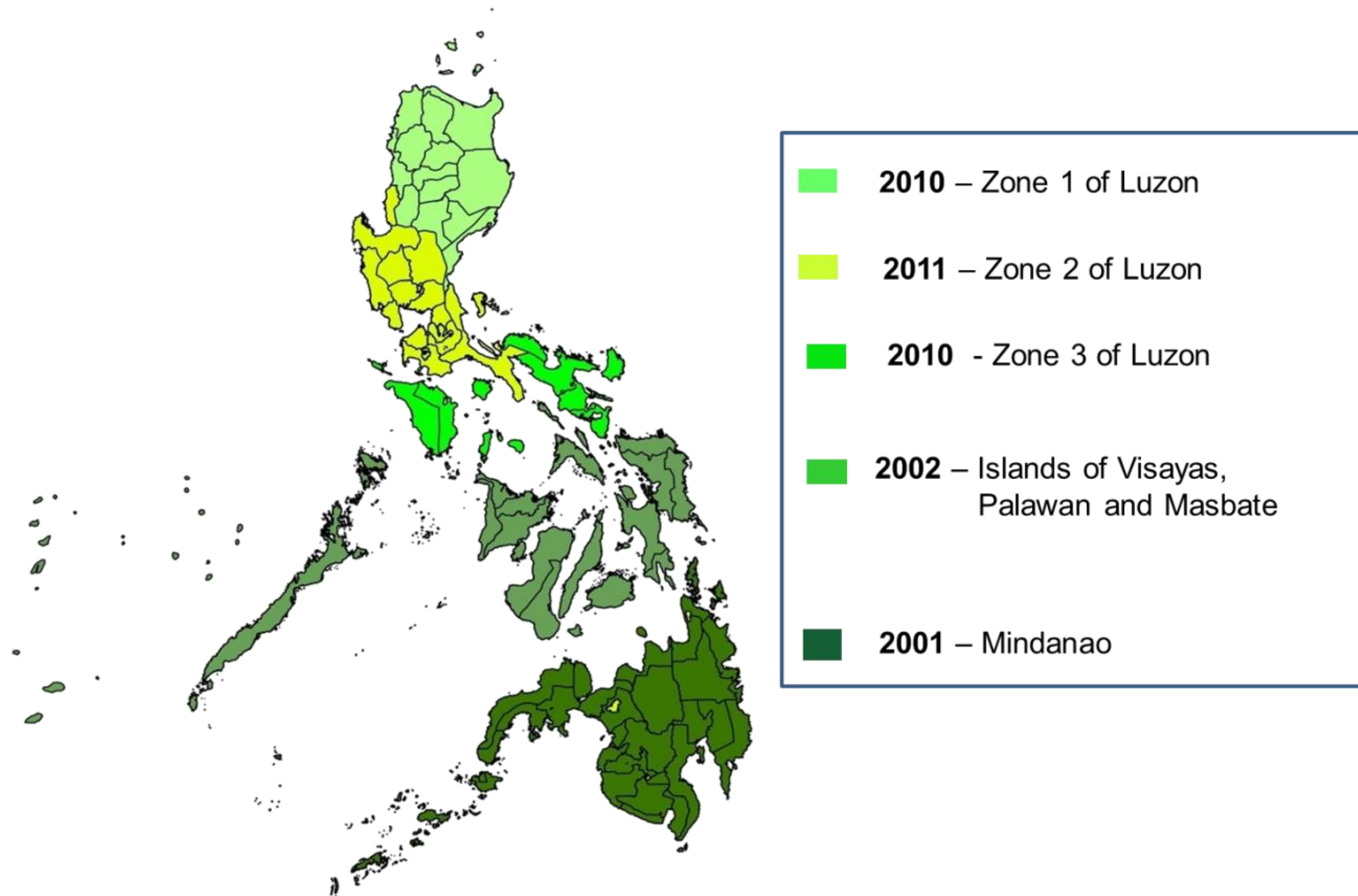
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Assistant Director

SEACFMD National Coordinator

SEACFMD Epidemiology Network Focal

The Philippines OIE-recognized FMD Free zones without vaccination
(indicating the year of OIE certification)

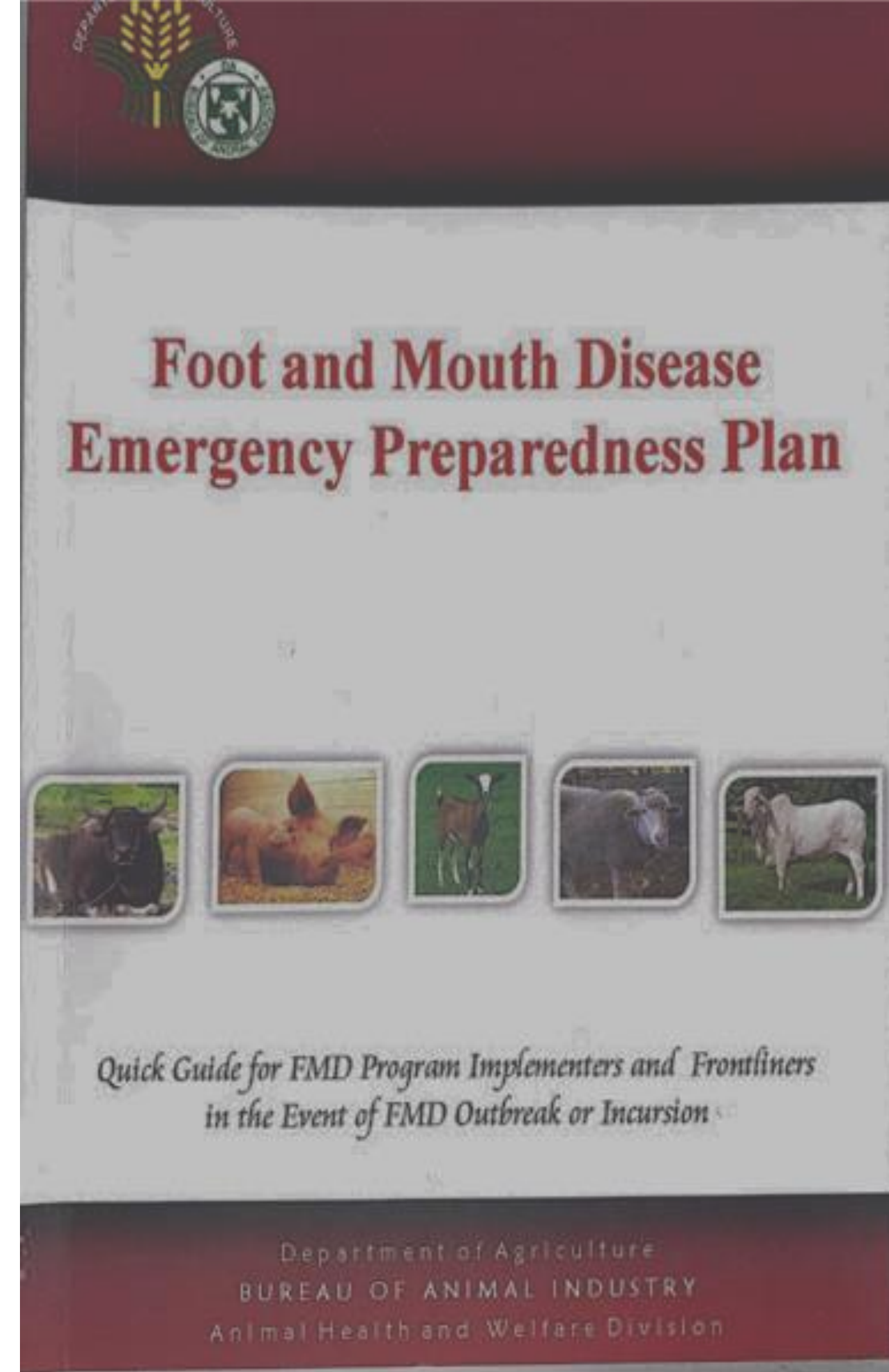


- May 26, 2015 – The Philippines was declared as a country free of FMD where vaccination is not practised



FMD Emergency Preparedness Plan (FMD-EPP)

- ❖ A protocol-module handbook
- ❖ The **protocols** provide guidelines to FMD Program implementers and Frontliners in the event of FMD incursion
- ❖ The **modules** are aimed to sustain the awareness and review the technical knowhow of the local and regional field on the prevention, control and management of FMD.



OVERALL POLICY FOR FMD

Stamping out

Quarantine, destruction of infected and immediate slaughter of exposed animals

Quarantine and Movement Controls

Control of traffic of animals, animal products and personnel in infected areas

Decontamination

Disinfection of facilities and equipment

Outbreak Investigation

Determine source and extent of infection

Risk/Crisis Communication

Information dissemination to encourage support from stakeholders

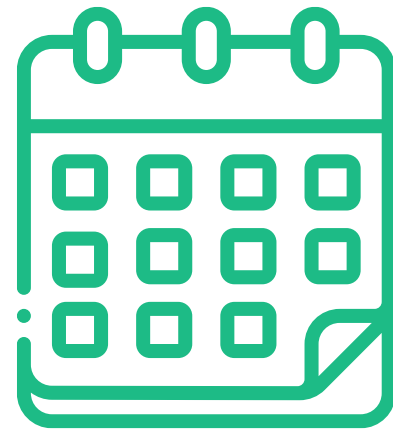
Emergency Vaccination

For all susceptible animals in barangays (within 10km radius)

DISEASE REPORTING

2 Types of Report

1.



**CLINICAL
SURVEILLANCE
REPORTS**

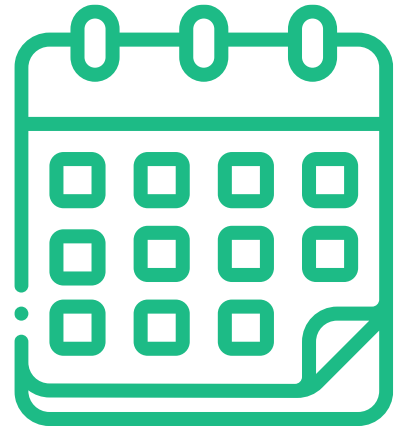
2.



**FMD SUSPICION /
OUTBREAK
INCIDENT REPORTS**

DISEASE REPORTING

1.

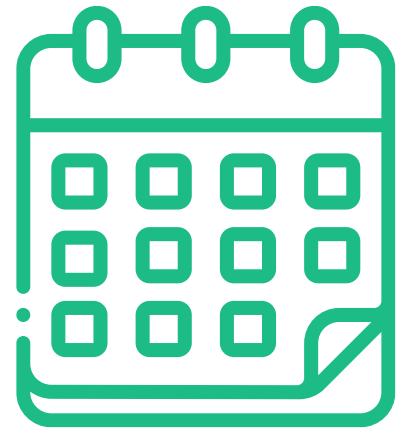


CLINICAL SURVEILLANCE REPORTS

- Negative Monitoring Reports
- Checkpoint Monitoring Reports
- Slaughterhouse Monitoring Reports

DISEASE REPORTING

1.



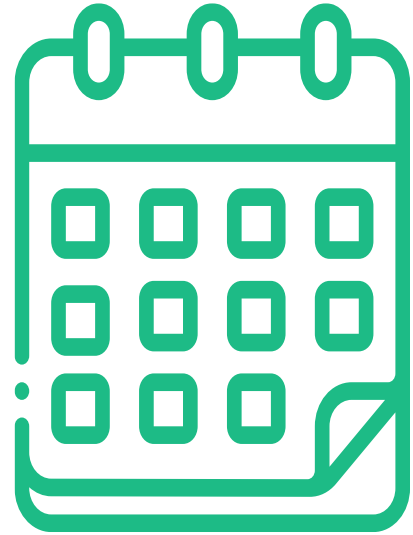
CLINICAL SURVEILLANCE REPORTS

a. Negative Monitoring Reports

- Regularly submitted by LGUs as they conduct field visits in farms which includes inspection for signs of FMD
- Reports of **no clinical signs** are collated and encoded by the Provisional Veterinary Office (PVO) and submitted monthly to DARFOs

DISEASE REPORTING

1.



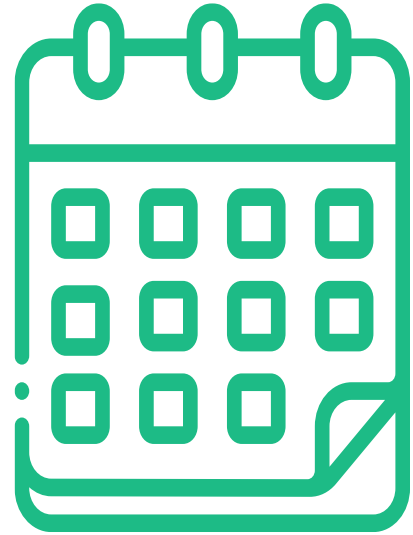
CLINICAL SURVEILLANCE REPORTS

b. Checkpoint Monitoring Reports

- Submitted by Veterinary Quarantine Checkpoints
 - Validation of shipping documents (Veterinary Health Certificate and Shipping Permit)
 - Ocular inspection for FMD signs
 - * Presence of signs warrants confiscation and condemnation of the animal

DISEASE REPORTING

1.



CLINICAL SURVEILLANCE REPORTS

c. Slaughterhouse Monitoring Reports

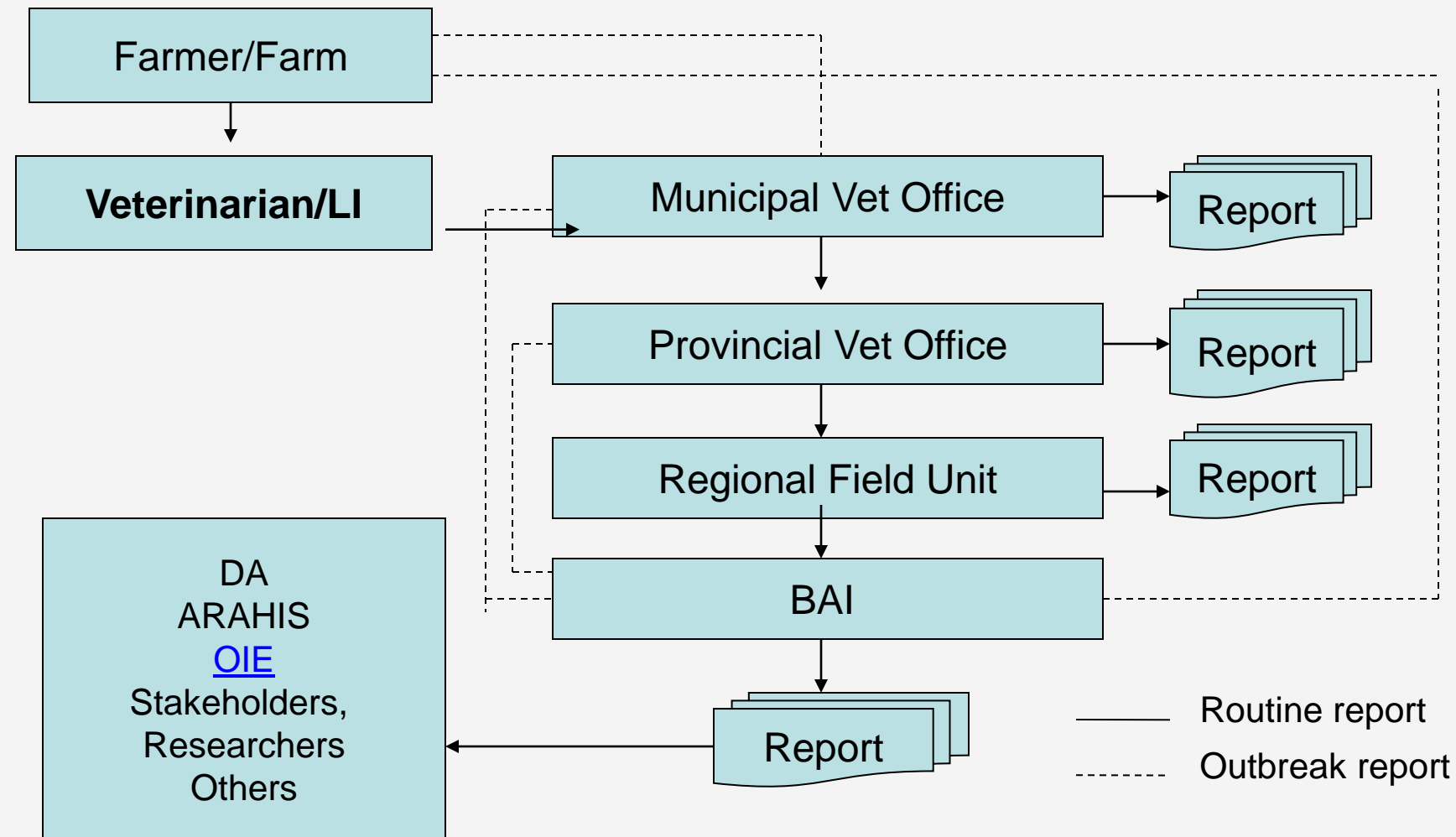
- Submitted by meat inspectors
- Reports indicate absence of FMD signs including details on shipment origin

DISEASE REPORTING

2.



**FMD SUSPICION /
OUTBREAK INCIDENT
REPORTS**



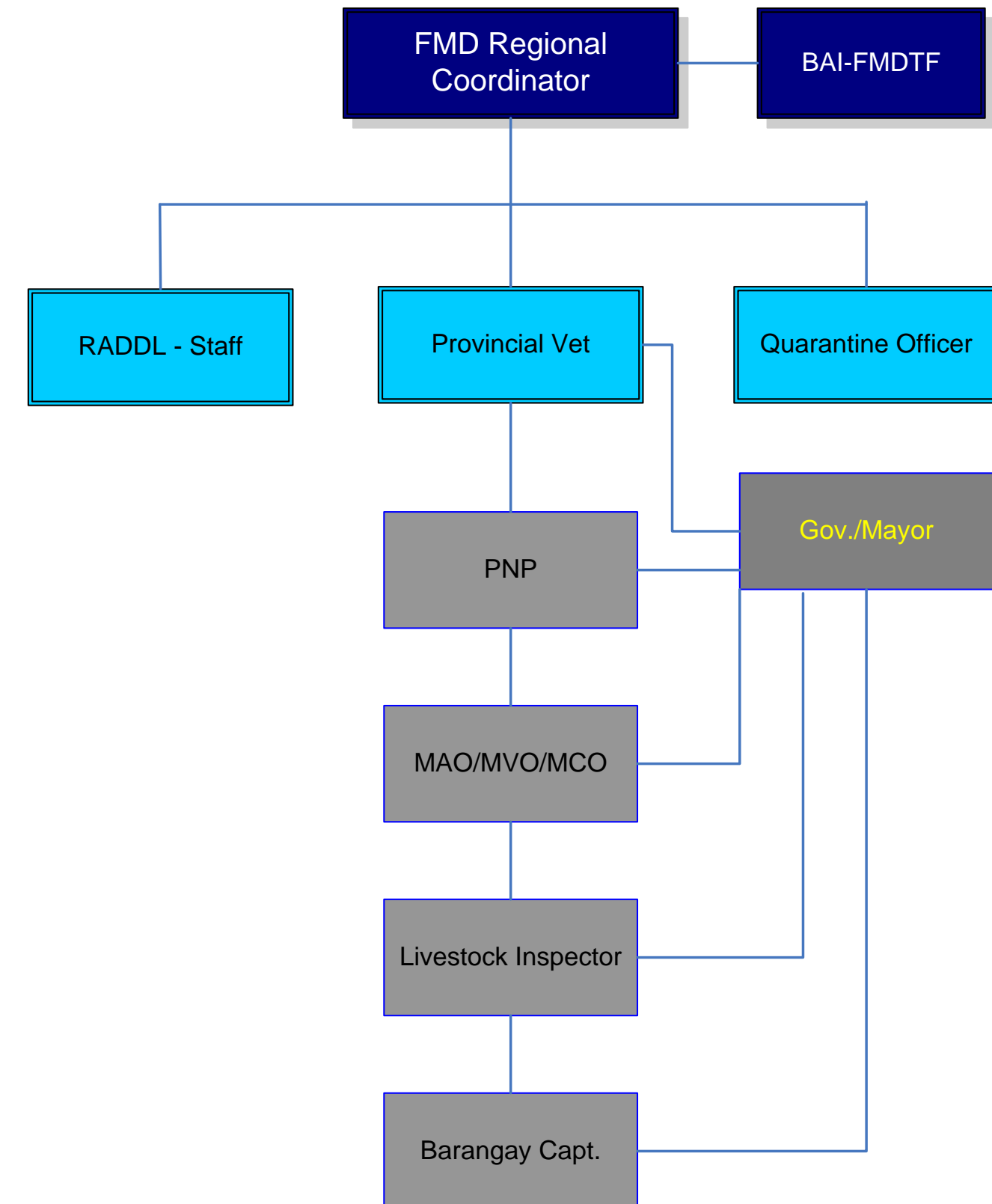
FMD Flow of Reporting

The Quick Response Team (QRT)

investigates the area in question once report is received

Organizational Structure of FMD QRT

QUICK RESPONSE TEAM



FMD OUTBREAK MANAGEMENT

FMD Investigation Procedure

LGU

Establish FMD presence through observation of clinical signs and lesions.



DA-RFO

Verify for sample collection and submission to PAHC. Assess extent of outbreak



BAI Director

Declare area under Quarantine once found positive by the FMD Laboratory



BAI

Identification of index case (extensive trace back) for determination of type of recommendations needed

* Reports are promptly submitted to **PVO, BAI and Local Chief Executives** for Appropriate Actions

Protocol in the event of an FMD Outbreak

1. Collection of Epithelial/Vesicular samples

For diagnosis by the National FMD Diagnostic Laboratory.

- Liquid Phase Blocking (LPB) ELISA
- Non-Structural Protein (NSP) ELISA

Protocol in the event of an FMD Outbreak

2. Quarantine

- Affected area put under quarantine
- Exposed animals destroyed or vaccinated
- Intensive cleaning and disinfection
- Monitoring of animals
- Local Chief Executives to issue an Executive Order (EO) to immediately address the concern.
- The BAI Director to issue a Memorandum Order to the owner/operator for temporary closure or suspension

Protocol in the event of an FMD Outbreak

3. Outbreak Management

- All infected animals confiscated and destroyed
- Exposed susceptible animals vaccinated
- Ring vaccination instituted
- All susceptible animals within a 3km radius quarantined and monitored

Protocol in the event of an FMD Outbreak

4. Use of Sentinel Animals

- Sentinel animals shall be kept in the affected establishment for 2 weeks
- Blood samples shall be collected prior to entry to serve as baseline data
- Blood samples are also collected during their stay for confirmation of the virus
- Serosurveillance shall be conducted in adjacent villages



Animal Movement Management

Two zones shall be established:

- A. FMD Control Zone** - within 3 km radius of infected premises
 - B. FMD Surveillance Zone** – succeeding 10 kms. around the Control Zone.
-
- Establishment of checkpoints between villages in the Control Zone
 - Inventory and intensive monitoring and surveillance of all susceptible animals
 - Mass vaccination of all susceptible animals within 10 kms. around the infected premises
 - Intensified Public Awareness activities

FMD OUTBREAK MANAGEMENT

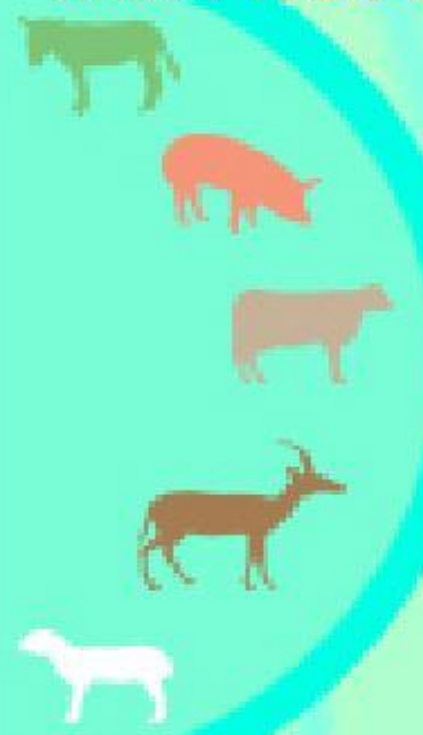
FMD Quick Guide and Directory cards

VETERINARY QUARANTINE DIRECTORY

BAI		(02)9266883/9254343/9204061
DARFU I		(072)8882085/8880341/8884566
	Dr. Annie Bares	09198656797
RVQO I		(072)2421045/2421046
PVO	Ilocos Norte	(077)7714931/7703967
	Dr. Loida Valenzuela	09189337255
PVO	Ilocos Sur	(077)7222776
	Dr. Ernesto Mendoza	09206030160
PVO	La Union	(072)7000624/8884453
	Dr. Nida Gapuz	09189125367
PVO	Pangasinan	(075)5422368
	Dr. Benedicto Perez	09189332579



THINGS TO DO IN CASE OF FMD SUSPECT / OUTBREAK



1. Send representative ASAP to investigate. Once you suspect an FMD outbreak in your area, call BAI immediately.
2. As soon as the FMD outbreak has been established, start with the traceback investigation. Identify cases, deaths and population at risk.
3. Collect epithelium/vesicular fluid/blood/serum samples. Submit samples immediately to the FMD Laboratory, PAHC, BAI Quezon City.
4. Institute emergency control procedures (quarantine, condemnation, disinfection, vaccination).
5. Make a report and notify proper authorities (Local Chief Executive, DARFU, BAI).
6. Educate and notify the public through a Public Awareness Campaign.
7. Continue disease monitoring and surveillance.

CONTINUING EDUCATION (MODULES)

ANIMAL DISEASE RECOGNITION

Annex 1

ANIMAL DISEASE EMERGENCY PREPAREDNESS

Annex 2

VETERINARY QUARANTINE NETWORK

Annex 3

INTEGRATED RISK AND CRISIS COMMUNICATION PLAN FOR ANIMAL HEALTH PROGRAMS

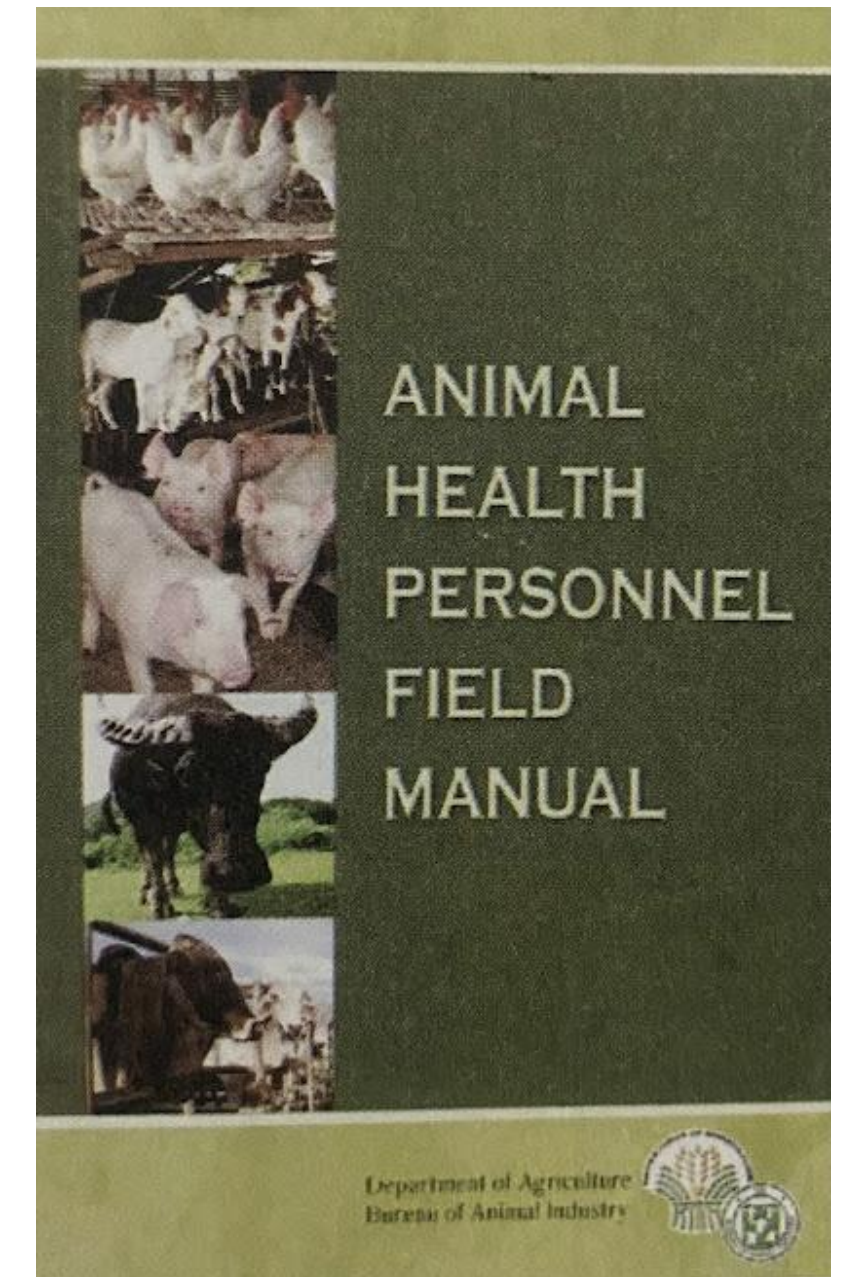
Annex 4

COMPREHENSIVE SCENARIO INDUCED- SIMULATION EXERCISE

Annex 5

Animal Disease Recognition (Annex 1)

- Field Manual for Animal Health Personnel
- Provides continuing education of personnel at the forefront of the FMD Campaign.



Training Module for FMD Preparedness Workshop (Annex 2)

- A quick guide in addressing the outbreak of FMD (or any animal disease emergency) at the soonest possible time.
- Provides the field personnel a systematic procedure to address outbreaks.
- Covers topics on outbreak management, condemnation and disposal of diseased animals.

Training Module for Quarantine Network (Annex 3)

- Pertinent Shipment Documentation
- Standard Operating Procedures in Veterinary Quarantine Facilities
- Maintenance of Veterinary Quarantine Facilities
- Common Sanctions and Violations

Risk and Crisis Communication (Annex 4)

- This module supports implementers at different levels in managing information appropriately in case of disease emergencies.

Comprehensive Scenario Induced-Simulation Exercise (CSI-SimEx) (Annex 5)

- This aims to assess the skills of the DA Regional Field Unit personnel and the LGU Staff in responding to animal disease emergencies. as specified in the EMPRES - Good Emergency Management Program.
- With 2 levels:
 1. CSI-SimEx for program implementers
 2. CSI-SimEx for frontline field personnel

PREVENTION ACTIVITIES TO MAINTAIN FREEDOM

- Annual/Bi-annual Risk-based Serosurveillance
- Monthly Clinical Surveillance (Negative Monitoring Reports)
- Implementation of synergies between FMD and other Animal Health Programs to maximize resources
- Continuing education of BAI staff through attendance to on-line training programs
- Nomination of focal persons to SEACFMD EpiNet and LabNet

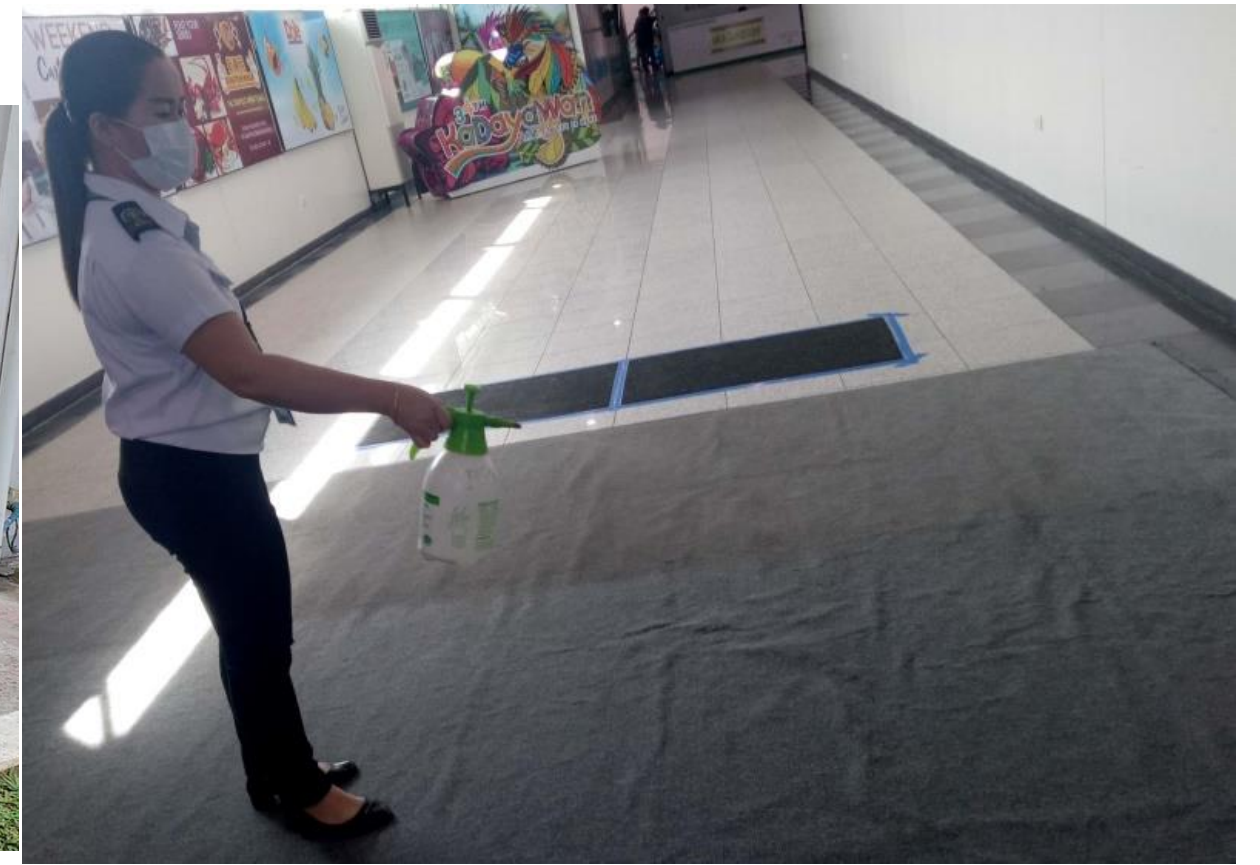
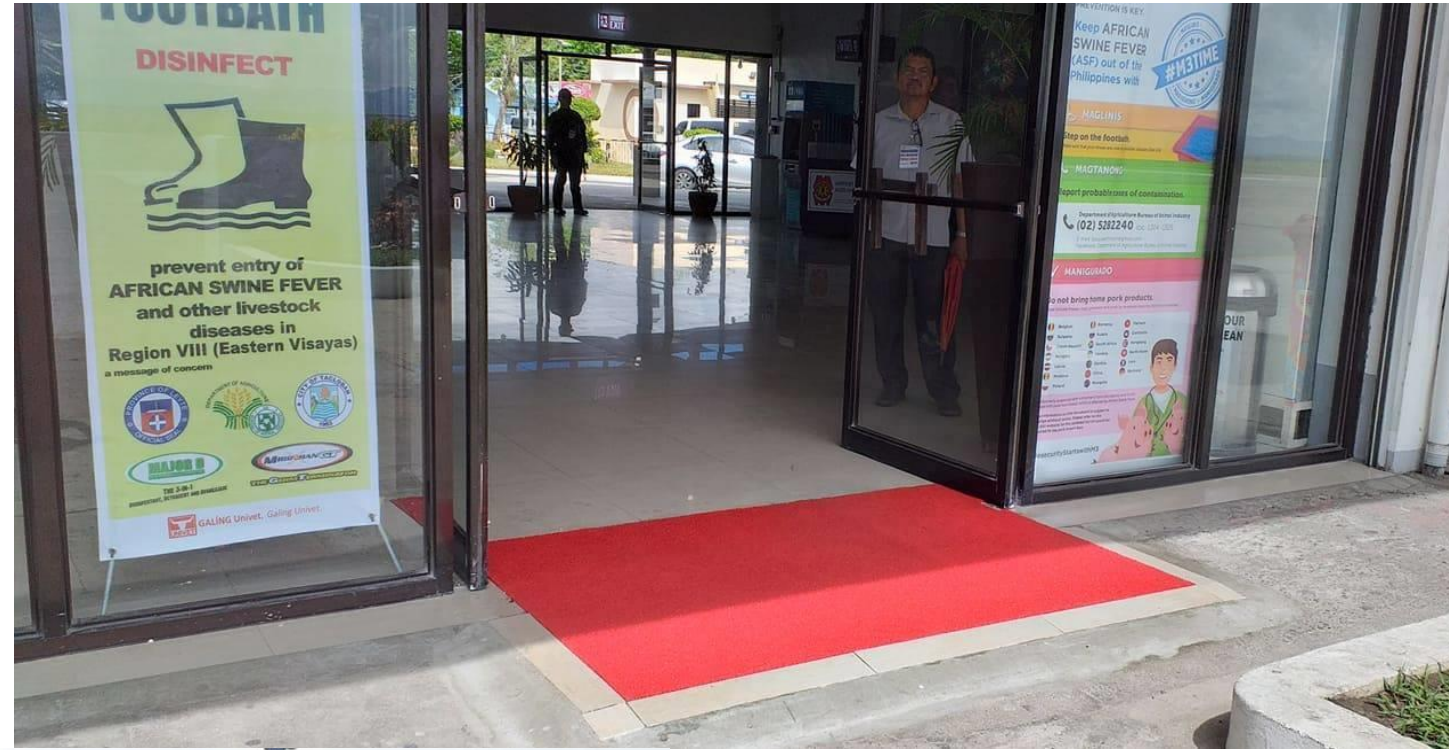
Strengthening of Border Control Measures:

- Conduct of Risk Analysis on importation of live animals and meat
- Inspection of hand-carried meat products
- Confiscation of goods without SPS Import Clearance



Strengthening of Border Control Measures:

➤ Installation of foot mats at airports




➤ Inspection at seaports



➤ Inspection of quarantine sites




 Department of Agriculture
 BUREAU OF ANIMAL INDUSTRY
NATIONAL VETERINARY QUARANTINE SERVICES DIVISION

CERTIFICATE OF INSPECTION FOR QUARANTINE SITE

OCTOBER 2, 2017
 Date:

To Whom It May Concern:


This is to certify that on this date, an inspection has been made on a proposed quarantine site, with the following findings:

A. Applicant Details:

Application No.	
Name of Importer/Owner: MARIO LAMINGCO	Contact Person: JAKE JANSSEN LAMINGCO
Address (Office): 3150 Surunga	Address (Farm): Col. Pinariclaro St. El Campesino, Pulong Baki, Angeles City
Telephone Number: 0916-1111-5895	Email Address: Pungpung
Animals to be Imported: PIGEONS	Number of Heads: 110 Heads
Expected Arrival of Animals: OCTOBER 10 NOV 2017	Country of Origin: UNITED KINGDOM (UK)

B. Quarantine FACILITY Standards:

Pointers	High Risk	Medium Risk	Low Risk	N/A	CORRECTIVE ACTION
1. Is the site of Quarantine Area (QA) located away from the farm/production area? Minimum distance: At least 100 meters away for Large Animals and 50 meters for small animals and birds.			✓		
2. Is there a sketch or map clearly defining the quarantine area in the property including all access roads and gates?			✓		
3. Does it have a perimeter fence and access routes that can be closed off to prevent vehicle entry?			✓		
4. Is there adequate signage to inform workers/visitors of the QA and what action should they take?			✓		
5. Are other animals excluded or effectively restricted from the area?			✓		
6. Is the housing/holding facility sufficient in space and size to permit free movement and exercise of animals?			✓		
7. Is the housing/holding facility offers protection from weather elements?			✓		
8. Is the surrounding area neat and tidy? eg. mown grass			✓		
9. Is there a provision for potable drinking water?			✓		


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CERTIFICATE OF INSPECTION FOR QUARANTINE SITE

Pointers	High Risk	Medium Risk	Low Risk	N/A	CORRECTIVE ACTION
10. Is there a microbiological testing of drinking water?			✓		
11. Are feeds/roughage and other supplies for maintenance available and adequate for the quarantine period?			✓		
12. Are the feeds/roughage contained in appropriate, sealable container to prevent contamination?			✓		
13. Is the drainage facility adequate?			✓		
14. Is there an appropriate vermin/fly/rodent control in place?			✓		
15. Are footbaths or a change of footwear available and used at the entrance prior to access to the area?		✓			
16. Are footbaths, where used, inspected daily and replenished as required?		✓			
17. Are hand sanitizers/washing facilities available and used at the entrance prior to access to the area?		✓			
18. Are there competent and dedicated personnel to maintain and supervise the area during the quarantine period?			✓		
19. Is there a system in place that safeguard the movements of unauthorized personnel within the site?			✓		
20. Is there a dedicated personnel assigned to the Quarantine Area?			✓		
21. Is there an appropriate procedure in place for the disposal of dead animals, carcasses, manure, litters and other farm waste?			✓		

C. Evaluation Result

Remarks:
Subject to the requirements set by RA-1341 + DA-BAI rules & regulations.


Recommendations:

- ☒ The Quarantine Facility has been inspected and found to be adequate and satisfactory
- ☐ The Quarantine Facility has been inspected and is subject to compliance on the corrective action/s specified above with required subsequent facility re-inspection
- ☐ The Quarantine Facility has been inspected and found to be beyond adequate and is unsatisfactory

Inspectors:
Dr. Ferdinand D. Montano
 (Printed Name over Signature)

Conformer:
Maria

Applicant:
Mario Lamingco

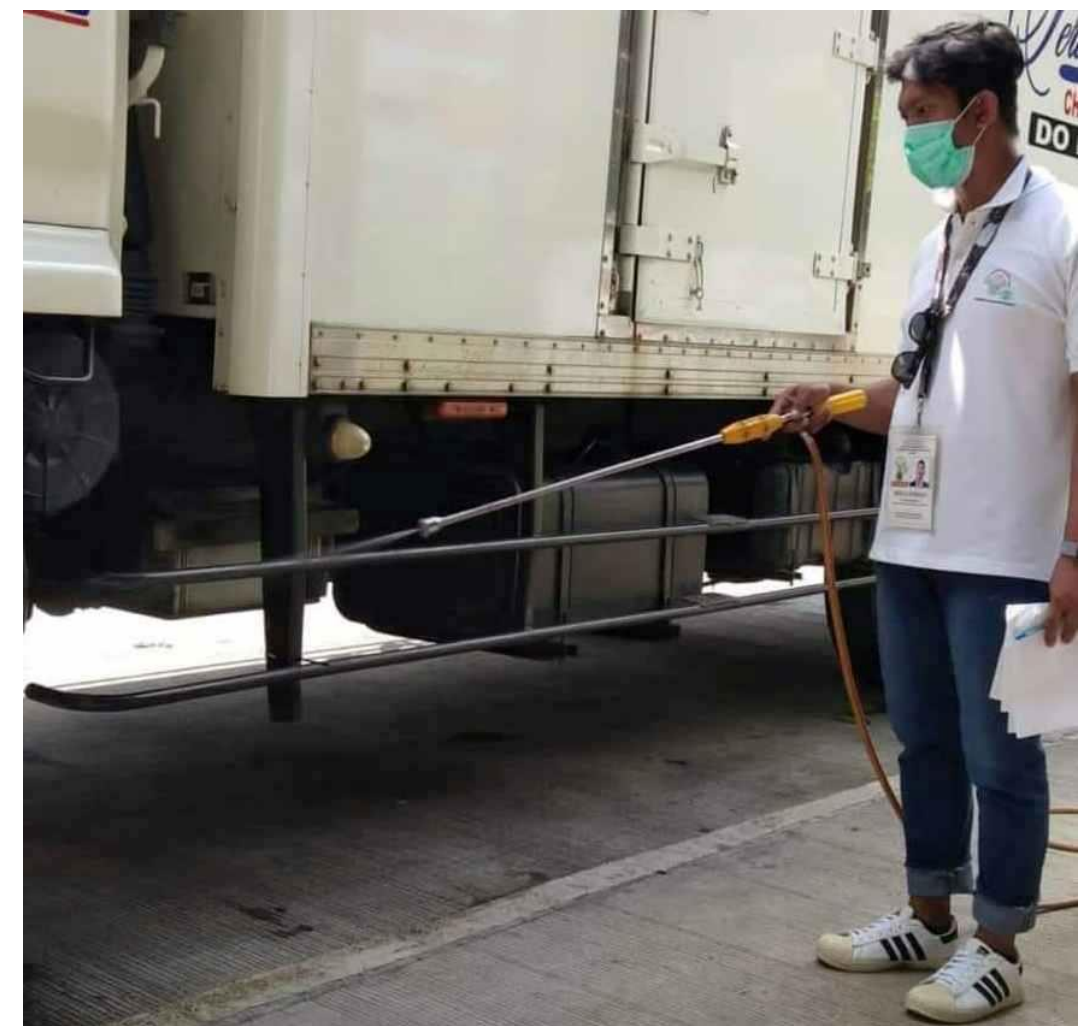


RF NVQS - 04 CERTIFICATE OF INSPECTION FOR QUARANTINE SITE
 Rev. No.00
 October 16, 2017 **Dr. Ferdinand D. Montano**

RF NVQS - 04 CERTIFICATE OF INSPECTION FOR QUARANTINE SITE
 Rev. No.00
 October 16, 2017

Strengthening of Border Control Measures:

- Establishment of checkpoints



WAYS FORWARD

- Procurement of FMD Vaccine Buffer Stock through a private vaccine bank
- Review and Revision of FMD Emergency Preparedness Plan Manual
- Updating of List of Regional and Provincial FMD Coordinators
- Orientation and re-tooling of field personnel on disease recognition and diagnosis
- Conduct of Table Top Simulation Exercises
- Conduct of risk assessment for future incursions of exotic FMDVs
- Construction of the first Cold Examination Facility for Agriculture (CEFA)
- Development of new IEC materials



**FMD Free
Philippines**



Thank you for your attention

